

Converting Colors

$Y_{xy}(40.0504, 0.3706, 0.3290)$

Have a look what the booklet for
Yxy(40.0504, 0.3706, 0.3290)
contains.

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Color

Yxy(39.9554, 0.3714, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	D59B9B
RGB	213, 155, 155
RGB Percent	84%, 61%, 61%
CMY	0.1647, 0.3921, 0.3922
CMYK	0.00, 0.27, 0.27, 0.16
HSL	0°, 41%, 72%
HSV	0°, 27%, 84%
XYZ	45.0773, 39.9554, 36.3385
YIQ	172.3420, 34.5680, 12.2960

Conversions

Conversions Part 2

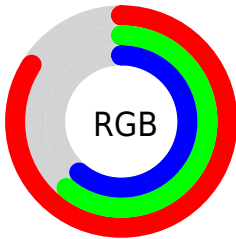
Format	Color
R _Y B	213, 155, 155
Decimal	13999003
CIE Lab	69.44, 21.65, 8.58
CIE LCh	69, 23.292, 21.610
Yxy	39.9554, 0.3714, 0.3292
Android (android.graphics.Color)	4292189083 (0xFFD59B9B)
YUV	172.3420, -8.5496, 35.6571
Hunter-Lab	63.2103, 16.6760, 10.1624

Details

The Yxy color $39.9554, 0.3714, 0.3292$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $59.3479, 0.2732, 0.3289$, and the grayscale version is $41.4688, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.9566, 0.3477, 0.3301$, and $17.8681, 0.3896, 0.3276$ is the 20% darker color. If you saturate the color by 10%, you get $32.8304, 0.4033, 0.3293$, and if you desaturate by 10%, it is $48.4598, 0.3456, 0.3291$.

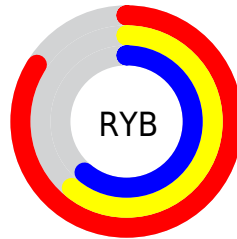
Distribution



Red (84%)

Green (61%)

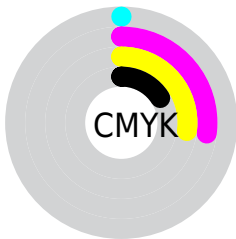
Blue (61%)



Red (84%)

Yellow (61%)

Blue (61%)

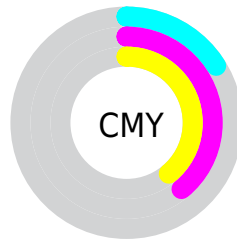


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (16%)



Cyan (16%)


Magenta (39%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9554, 0.3714, 0.3292 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 39.9554, 0.3714, 0.3292 by changing the saturation by 10% instead.


 39.9554, 0.3714,
0.3292


 39.9554, 0.3714,
0.3292


345.9356, 0.3410,
0.3297

 27.5038, 0.3793,
0.3289


 75.0956, 0.3601,
0.3295

 17.9519, 0.3896,
0.3284


 98.5529, 0.3560,
0.3296

 10.9155, 0.4037,
0.3274


126.4477, 0.3525,
0.3296

 6.0100, 0.4240,
0.3257

159.1641, 0.3495,
0.3297

 2.8512, 0.4554,
0.3219

197.0868, 0.3470,
0.3297

 1.0545, 0.5194,
0.3182

240.6000, 0.3447,

 0.0000, 1.0000,

0.3297

0.0000

290.0881, 0.3428,
0.3297

0.0000, 0.0000,
0.0000

39.9554, 0.3714,
0.3292

39.9554, 0.3714,
0.3292

32.8304, 0.4033,
0.3293

48.4598, 0.3456,
0.3291

27.0069, 0.4419,
0.3294

58.4050, 0.3250,
0.3290

22.4080, 0.4866,
0.3296

69.8553, 0.3085,
0.3290

18.9463, 0.5346,
0.3297

82.8698, 0.2953,
0.3289

16.5230, 0.5802,
0.3298

92.8863, 0.2877,
0.3289

■ 15.0221, 0.6158,
0.3299

■ 14.2888, 0.6359,
0.3300

■ 14.1482, 0.6400,
0.3300

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.9554, 0.3449, 0.3025



39.9554, 0.3714, 0.3292



39.9554, 0.3812, 0.3573

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.9554, 0.3714, 0.3292



39.9554, 0.3121, 0.3825



39.9554, 0.2562, 0.2771

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.9554, 0.3714, 0.3292



59.3479, 0.2732, 0.3289

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39.9554, 0.2487, 0.2951



39.9554, 0.3714, 0.3292



39.9554, 0.2798, 0.3574

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.9554, 0.3714, 0.3292



39.9554, 0.3457, 0.3904



39.9554, 0.2571, 0.3244



39.9554, 0.2781, 0.2731

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.9554, 0.3714, 0.3292



39.9554, 0.3767, 0.3735



39.9554, 0.2571, 0.3244



39.9554, 0.2520, 0.2816

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.9573, 0.3714, 0.3292



86.4278, 0.3266, 0.3291



42.3874, 0.3159, 0.2617



17.9883, 0.3295, 0.3291



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.9573, 0.3714, 0.3292



53.2770, 0.3901, 0.3293



50.7899, 0.3622, 0.3643



12.4216, 0.3291, 0.3291



8.6426, 0.6400, 0.3300



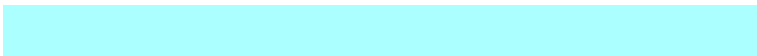
0.5216, 0.6399, 0.3301

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59.3479, 0.2732, 0.3289



87.3586, 0.2656, 0.3288



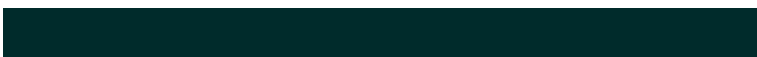
46.0486, 0.2695, 0.2909



14.1070, 0.2983, 0.3289



31.9768, 0.2246, 0.3286



1.9290, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 39.9554, 0.3714, 0.3292 looks on a white background.

Color Contrast Check

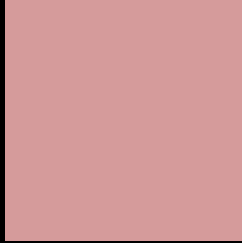
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 39.9554, 0.3714, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

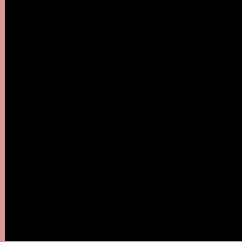
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.9554, 0.3714, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 39.9554, 0.3714, 0.3292.



This preview shows how white text looks on a background with the Yxy color 39.9554, 0.3714, 0.3292.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.9554, 0.3714, 0.3292

Protanopia

40.1342, 0.3234, 0.3373

Deuteranopia

40.0573, 0.3498, 0.3437



Tritanopia

39.7952, 0.3628, 0.3144

Trichromacy



Original Color

39.9554, 0.3714, 0.3292

Protanomaly

39.9078, 0.3403, 0.3344

Deuteranomaly

40.1022, 0.3575, 0.3382

Tritanomaly

39.9806, 0.3666, 0.3205

Monochromacy



Original Color

39.9554, 0.3714, 0.3292

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.5904, 0.3325, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9554, 0.3714, 0.3292 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(213, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(213, 155, 155)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(213, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 155, 155) }
```

Border

The CSS property to change the border of an element to Yxy 39.9554, 0.3714, 0.3292 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 155, 155) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(213, 155, 155) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(213, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(213, 155,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9554, 0.3714, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 155, 155) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(213,  
155, 155) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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